

WIRED TOUCH PANELS CUENIUM²

User Manual



cue

UM040_01_Wired_Touch_Panels_cuenium2

10.12.2012

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INTRODUCTION

Overview

The cuenium² wired touch panels offer 7" and 12" screen size. For each screen size tabletop, on-wall and built-in models are available. All models combine functionality such as multimedia integration, lighting automation, security monitoring, entertainment integration, and meeting & presentation control. The active matrix touch screen display offers resolution 800 x 480 pixels for 7" and 1280 x 800 pixels for 12" screen size. Both models produce stunning true color images. Wired Ethernet connection provides easy network integration. All touch panels are equipped with Power over Ethernet (PoE for 7" and PoE+ for 12") - technology enabling an Ethernet network cable to deliver both data and power. Fully compatible with CUE controllers, these touch panels provide the ultimate one-touch solution for meeting rooms, conference rooms, boardrooms and high-tech homes.

The Back Box is an optional accessories for both (7" and 12") built-in touch panels and it provides a steel enclosure. The Back Box is designed for pre-construction applications and allows install touch panel to all types of wall as well as to the table. Box construction allows enough airflow for touch panel when installed in an enclosed wall. All necessary accessories is supplied with Back Box.

Models and Accessories

Model	Product Code	Description	Note
touchCUE-7	CS0375	Wired tabletop touch panel 7"	Incl. tilting stand
touchCUE-7-W	CS0377	Wired on-wall touch panel 7"	Incl. wall mounting adapter
touchCUE-7-B	CS0376	Wired built-in touch panel 7"	
touchCUE-12	CS0382	Wired tabletop touch panel 12"	Incl. tilting stand
touchCUE-12-W	CS0384	Wired on-wall touch panel 12"	Incl. wall mounting adapter
touchCUE-12-B	CS0383	Wired built-in touch panel 12"	
Back Box	CS0409	Back box for built-in models	The same for 7" and 12" models







Features

- Wired tabletop, on-wall and build-in touch panels
- 7" and 12" active matrix touch screen display
- Resolution 800 x 480 pixels for 7", 1280 x 800 pixels for 12"
- Display colors 32-bit (True Color)
- Wired Ethernet communication
- Power over Ethernet power supply
- Built-in microphone and speakers
- Built-in light and motion sensors
- Built-in IR transmitter and receiver
- Built-in IR capture sensor
- Aluminium enclosure, aluminium front panel for built-in models
- Tilting tabletop stand for tabletop models

Programming




All touch panels have to be programmed using Cue Visual Composer. These models are not compatible with Cue System Director.

Box CONTENTS




	touchCUE-7	touchCUE-7-W	touchCUE-7-B	touchCUE-12	touchCUE-12-W	touchCUE-12-B
						
Touch panel touchCUE-7	1					
Touch panel touchCUE-7-W		1				
Touch panel touchCUE-7-B			1			
Touch panel touchCUE-12				1		
Touch panel touchCUE-12-W					1	
Touch panel touchCUE-12-B						1
Wall Mount Adapter		1			1	
PoE Adapter	1	1	1			
PoE+ Adapter				1	1	1
Ethernet cable straight-through	1	1	1	1	1	1
Ethernet cable crossed-over	1	1	1	1	1	1
Power cable	1	1	1	1	1	1
CE declaration	1	1	1	1	1	1
RoHS declaration	1	1	1	1	1	1
Data Sheet	1	1	1	1	1	1
Cue System Connector Wiring	1	1	1	1	1	1

SPECIFICATIONS

Touch Panels 7"

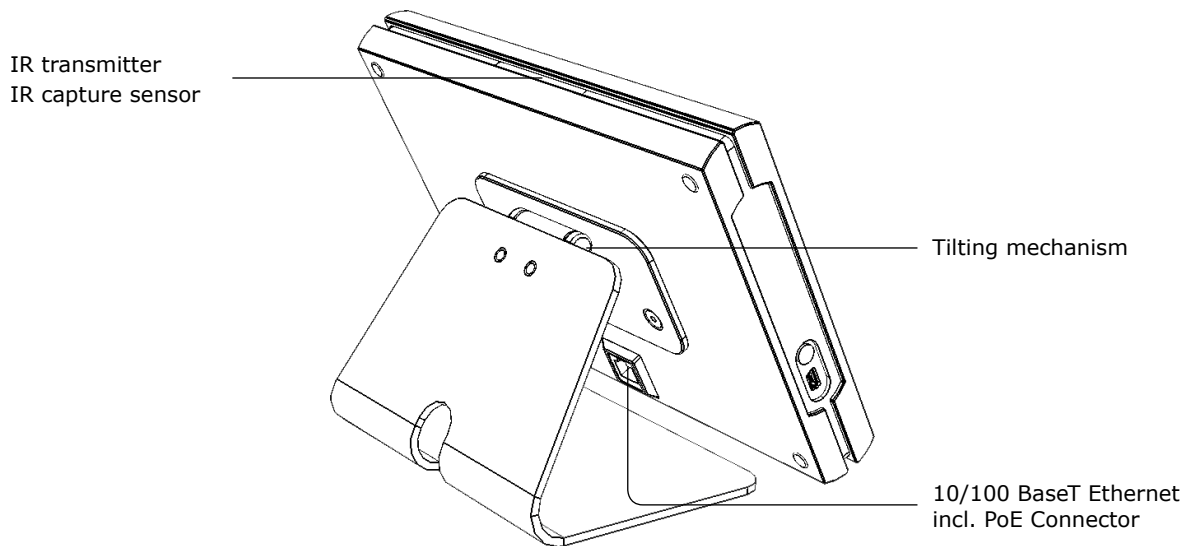
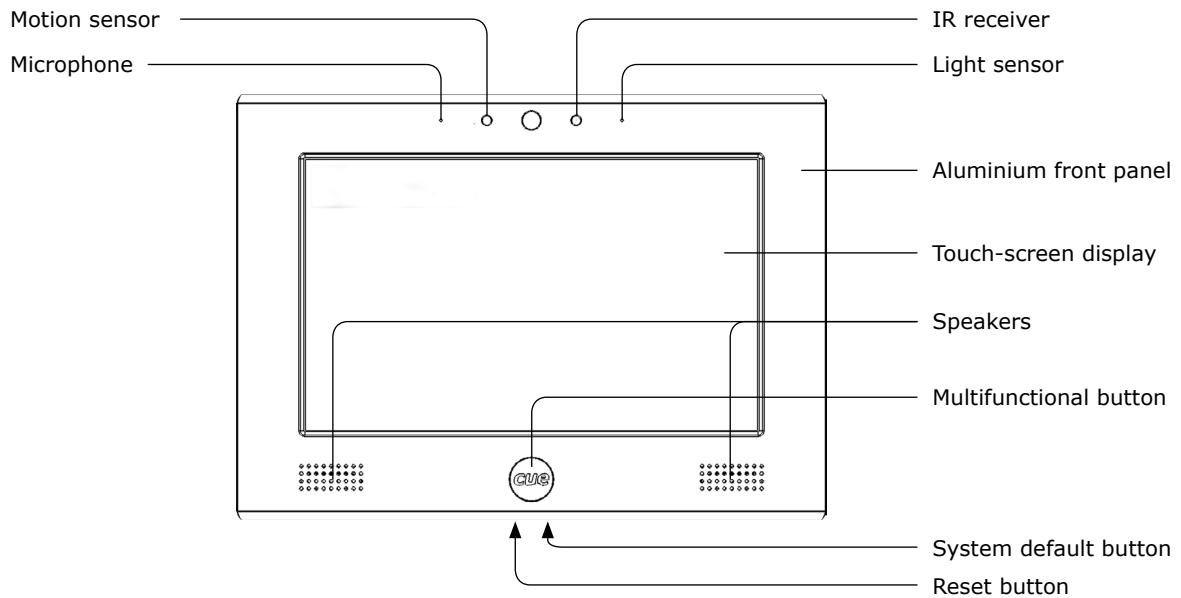
Product Name	touchCUE-7	touchCUE-7-W	touchCUE-7-B
Product Code	CS0375	CS0377	CS0376
			
Touch-screen display	TFT color active matrix LCD with LED backlit Size 7" / 177.8 mm diagonal, wide screen Resolution 800 x 480 pixels (WVGA) Display colors 32-bit (True Color) Transparency 8-bit Alpha blending White luminance 400 cd/m2 Contrast ratio 1000 : 1 Pixel pitch 0.19 mm Viewing angle ±80° horizontal, ±80° vertical Resistive membrane touch overlay		
Built-in sensors	Light sensor for automatic backlight dimming Motion sensor for automatic backlight switch on		
Buttons	Multifunctional for power and programmed functions Reset Set factory default		
Memory	256 MB RAM microSD Card min. 4 GB (upgradable)		
Software	XPL2 runtime for application created in Cue Visual Composer Admin Web for setup		
Video	Streaming video preview		
Audio	Built-in microphone Built-in speakers		
Wired communication	10/100 BaseT LAN, RJ-45 connector		
Infra-red	IR receiver for IR link IR transmitter for direct control IR capture sensor		
Power supply	Power over Ethernet (PoE), IEEE 802.3af compatible		
Physical	Aluminium enclosure Tilting tabletop stand	Aluminium enclosure VESA standard compatible Wall mounting adapter	Aluminium front panel Back box available
Dimensions	With tabletop stand 198 x 150 x 122 mm 7.8" x 5.9" x 4.8" Without tabletop stand 198 x 147 x 29 mm 7.8" x 5.8" x 1.1"	198 x 147 x 29 mm 7.8" x 5.8" x 1.1"	198 x 147 x 60 mm 7.8" x 5.8" x 2.4"
Weight	1.1 kg / 0.5 lb	1.1 kg / 0.5 lb	1.1 kg / 0.5 lb
Environment conditions	Operating temperature 10° to 40° C Storage temperature 0° to 60° C Relative humidity 10% to 90% non-condensing		

Touch Panels 12"

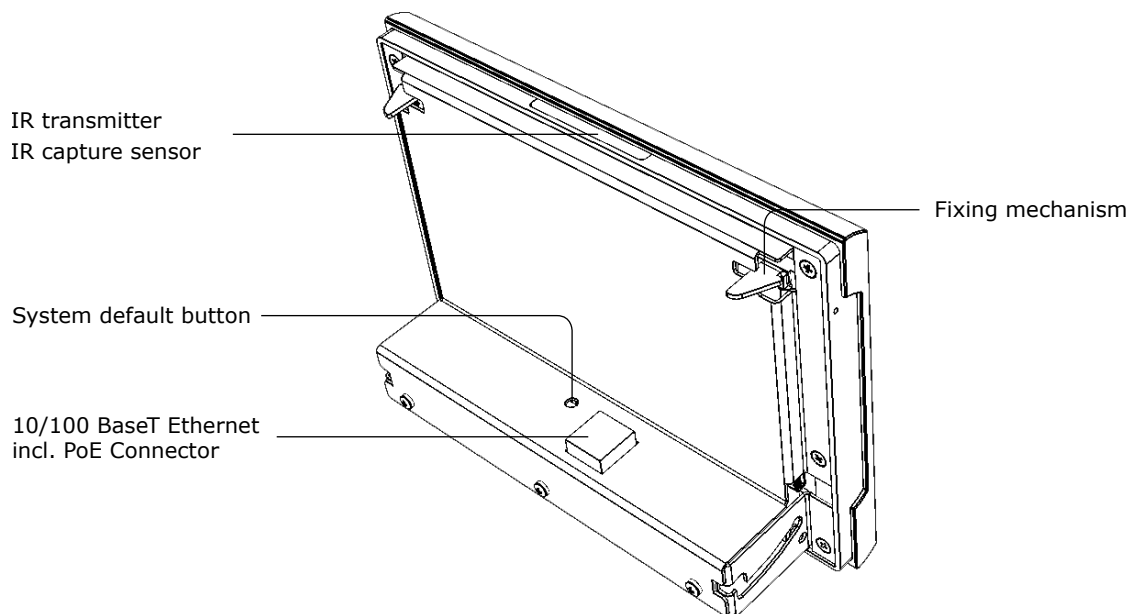
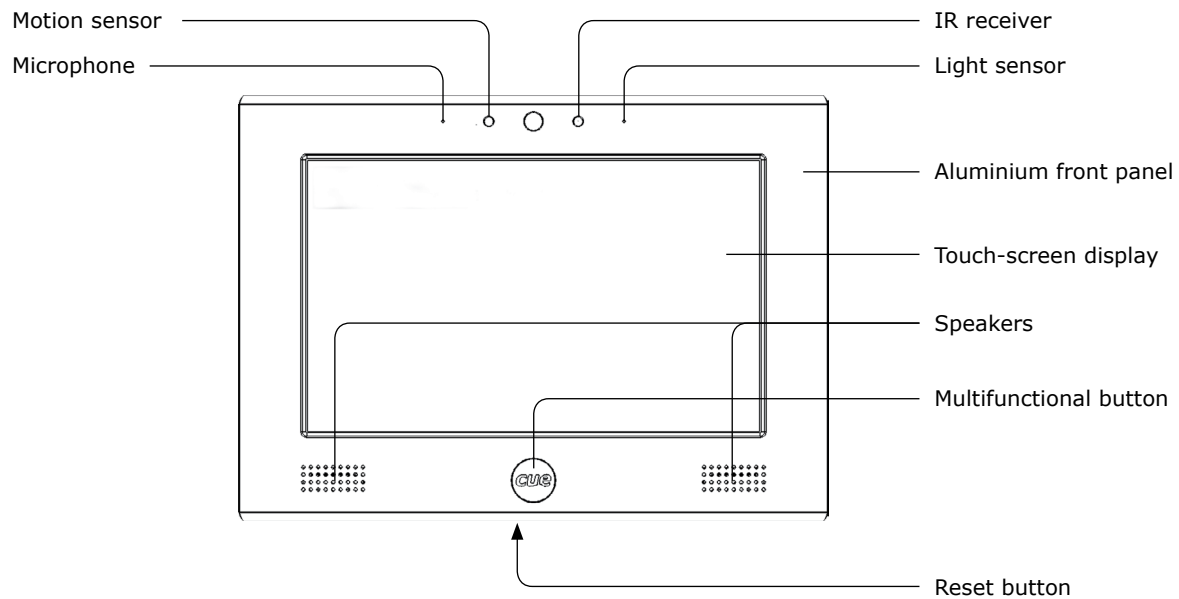
Product Name	touchCUE-12	touchCUE-12-W	touchCUE-12-B
Product Code	CS0382	CS0384	CS0383
			
Touch-screen display	TFT color active matrix LCD with LED backlit Size 12.1" / 307.3 mm diagonal, wide screen Resolution 1280 x 800 pixels (WVGA) Display colors 32-bit (True Color) Transparency 8-bit Alpha blending White luminance 400 cd/m2 Contrast ratio 1000 : 1 Pixel pitch 0.204 mm Viewing angle $\pm 80^\circ$ horizontal, $\pm 80^\circ$ vertical Resistive membrane touch overlay		
Built-in sensors	Light sensor for automatic backlight dimming Motion sensor for automatic backlight switch on		
Buttons	Multifunctional for power and programmed functions Reset Set factory default		
Memory	256 MB RAM microSD Card min. 4 GB (upgradable)		
Software	XPL2 runtime for application created in Cue Visual Composer Admin Web for setup		
Video	Streaming video preview		
Audio	Built-in microphone Built-in speakers		
Wired communication	10/100 BaseT LAN, RJ-45 connector		
Infra-red	IR receiver for IR link IR transmitter for direct control IR capture sensor		
Power supply	Power over Ethernet (PoE Plus), IEEE 802.3at compatible		
Physical	Aluminium enclosure Tilting tabletop stand	Aluminium enclosure VESA standard compatible Wall mounting adapter	Aluminium front panel Back box available
Dimensions	With tabletop stand 320 x 239 x 147 mm 12.6" x 9.4" x 5.8" Without tabletop stand 20 x 225 x 30 mm 12.6" x 8.9" x 1.2"	320 x 225 x 30 mm 12.6" x 8.9" x 1.2"	320 x 225 x 61 mm 12.6" x 8.9" x 2.4"
Weight	1.4 kg / 0.6 lb	1.4 kg / 0.6 lb	1.4 kg / 0.6 lb
Environment conditions	Operating temperature 10° to 40° C Storage temperature 0° to 60° C Relative humidity 10% to 90% non-condensing		

PHYSICAL DESCRIPTION

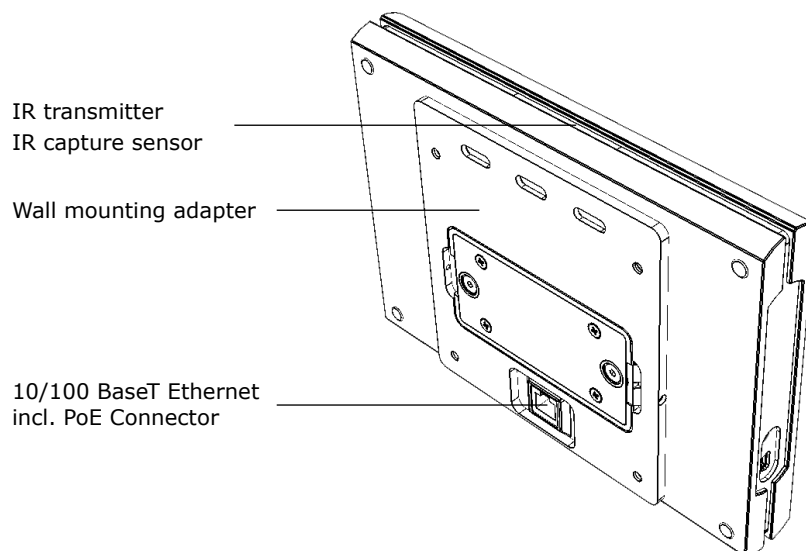
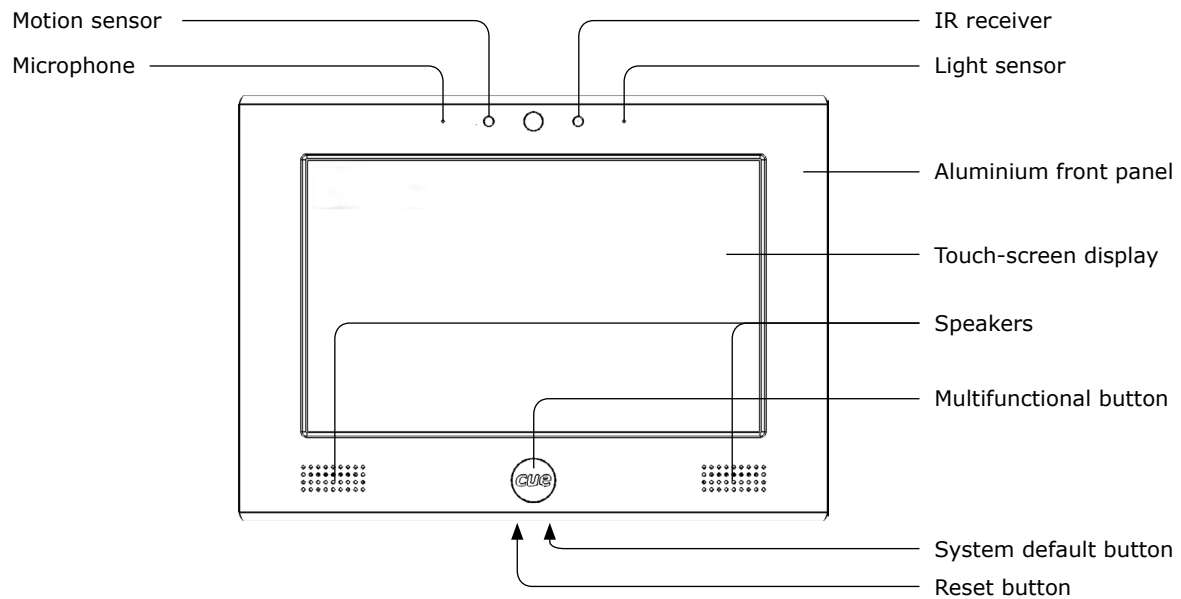
Tabletop Models



Built-In Models



On-Wall Models



Part Description

Microphone

The microphone is prepared for future use. The functionality depends on a firmware version.

Motion sensor

The Motion sensor resumes touch panel from Backlight Saver mode. This functionality can be enabled / disabled using On Screen Display or Admin Web.

IR Receiver

The built-in IR sensor carries the same functionality as irCUE Receiver or irCUE Receiver 485. This means that touch panel can receive IR signal from CUE wireless IR control panels without the need to use any external IR receiver.

Light Sensor

The Light Sensor automatically adjusts display backlight according ambient light level. This function has to be enabled using On Screen Display or Admin Web.

Touch-screen display

Touch-screen display with active matrix color LCD and resistive membrane touch overlay.

Speakers

The built-in stereo speakers allows to play sounds stored in the touch panels.

Multifunctional button

The multifunctional button shows On Screen Display used for touch panel setting. For more details see chapter ON SCREEN DISPLAY.

Reset Button

When pressed the reset of the unit is performed followed by operating system boot. A thin screwdriver is needed for press of this button.

Factory Default Button

When pressed the factory default function is performed. For factory default values see chapter Factory Default and System Default. A thin screwdriver is needed for press of this button.

IR Capture Sensor

The built-in IR sensor allows to capture IR codes directly by touch panel. For more details see chapter IR Capture.

IR Transmitter

IT Transmitter allows to transmit IR codes directly from touch panel. Devices can be controlled directly without controller.

Connector 10/100 BaseT LAN incl. Power over Ethernet

The 10/100 BaseT LAN is a standard network connection equipped with Power over Ethernet using RJ-45 connector. For more details see chapter Connection.

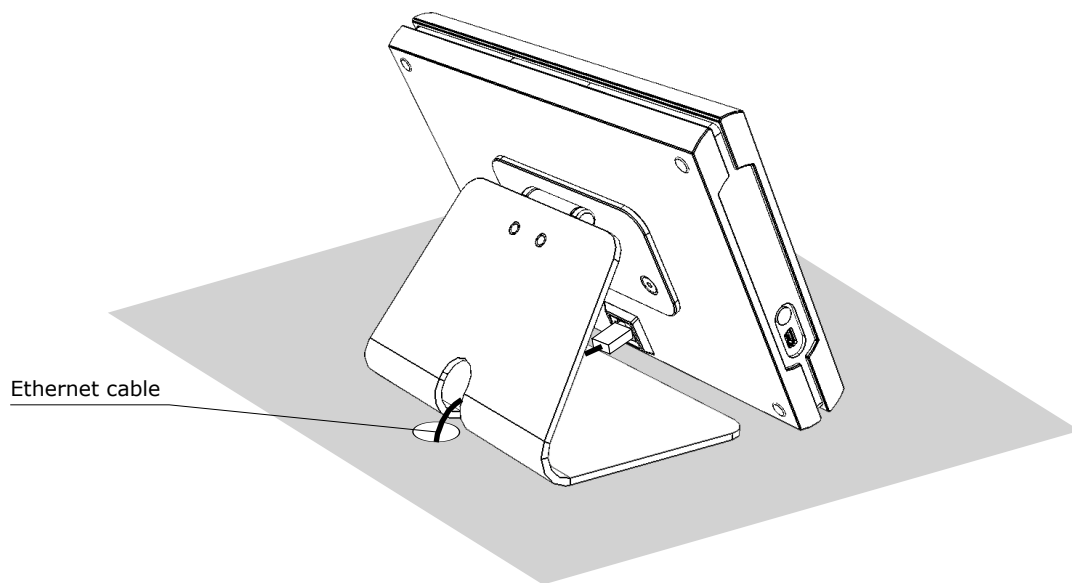
MOUNTING

Tabletop Models

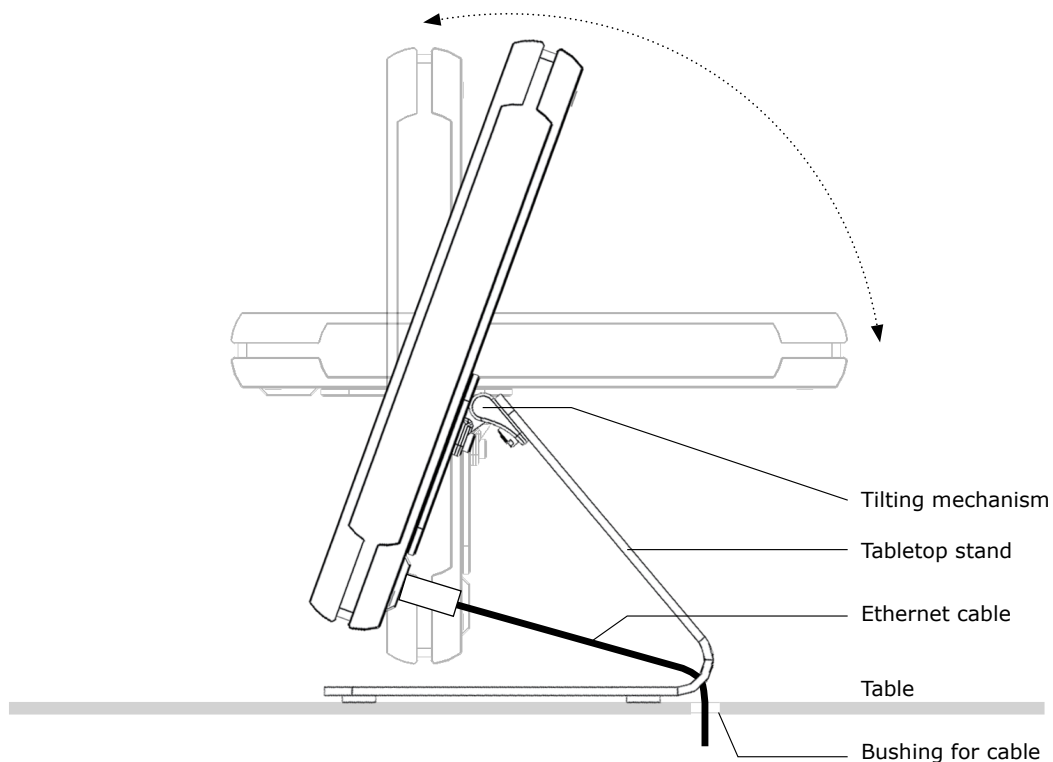
Desktop models can be placed on any flat surface.

Don't forget to prepare proper bushing for the cable including standard connector. A minimum diameter of the bushing for Ethernet connector is approx. 20 mm.

Connect the Ethernet cable and thread it through a hole in the tabletop stand as described below. This will prevent possible damage to the connector for careless handling with the touch panel.



Both 7" and 12" tabletop models are equipped with tilting tabletop stand. Toughness of tilting mechanism is set in production and can't be changed.

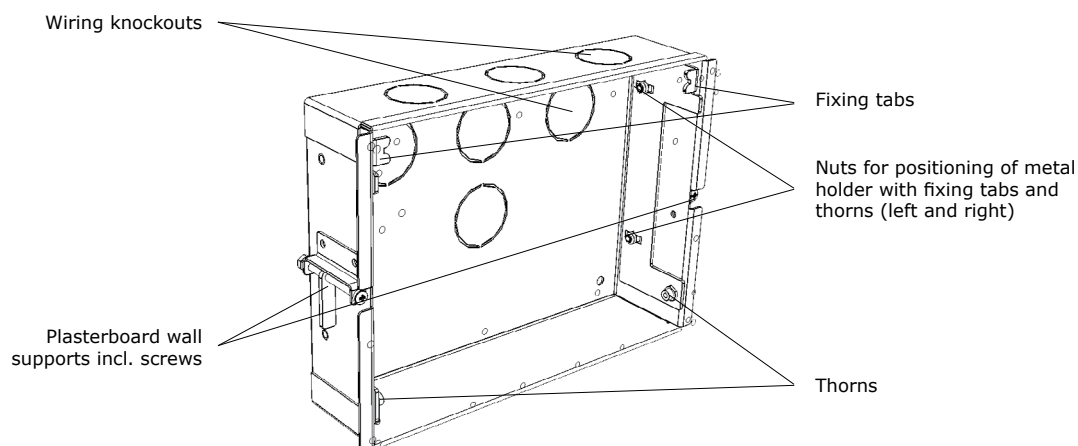


Back Box

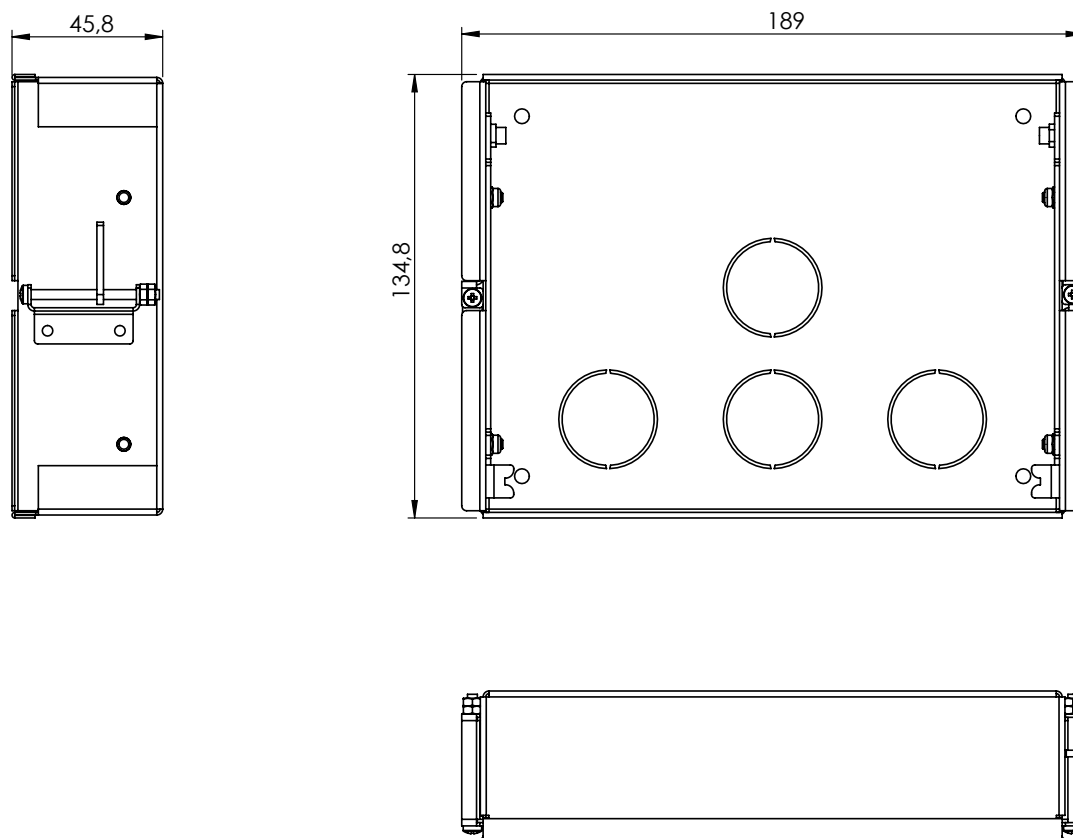
Physical Description

The back box (product code CS0409) provides a steel enclosure for the touchCUE-7-B and for touchCUE-12-B build-in touch panels. It is designed for pre-construction applications.

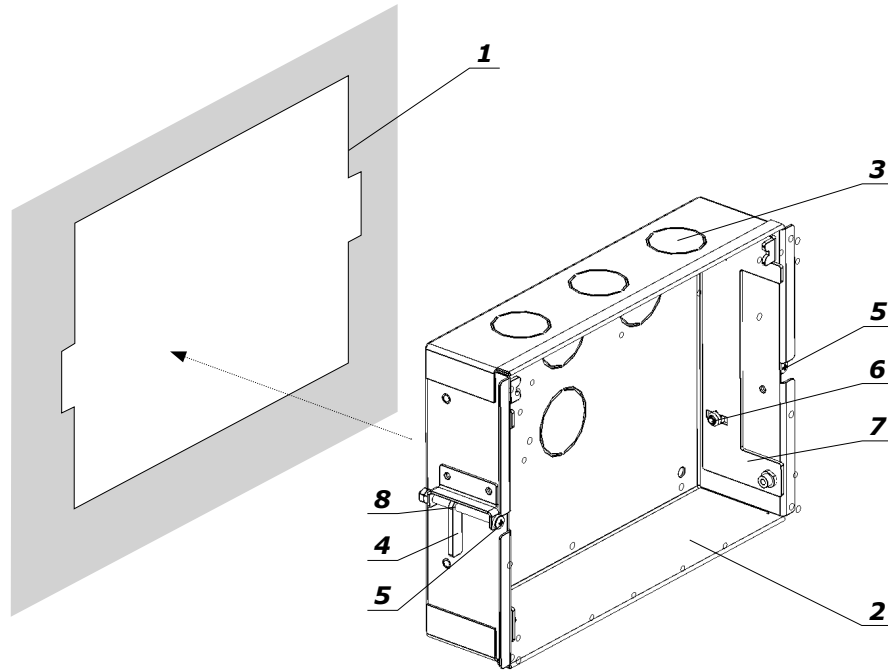
The back box is equipped with knockouts for cable installation.



Dimensions

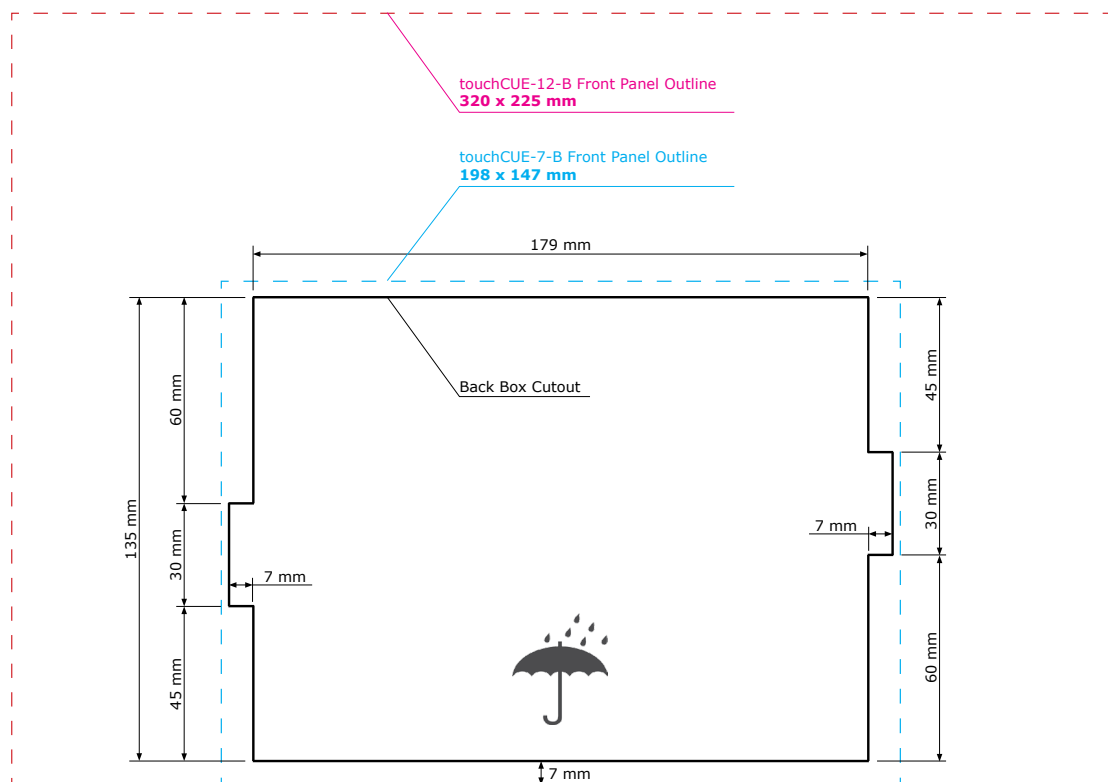


Installation into the Furniture or Plasteboard Wall



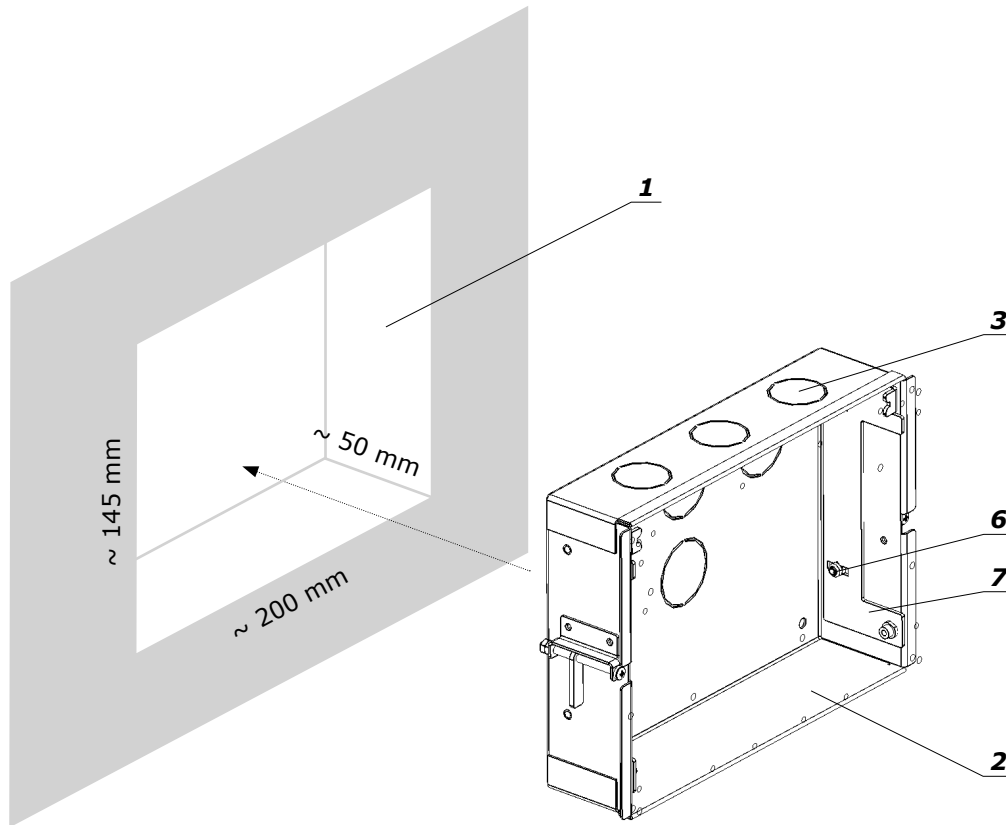
Steps are as follows

1. Cut out a hole **1** using the template delivered with back box. If you don't have template, use following dimensions.



2. Break suitable knockout **3** for comfortable stretch of cable.
3. Make sure that the rubber friction rings **8** lean against the supports **4** and supports **4** are in the right position - left down, right up.
4. Insert the back box **2** into the cut-out **1** and take the cables through broken off knockout.
5. Fasten 2x support **4** to the wall using screws **5**.
6. Adjust the metal holder **7** as described in the chapter Adjusting the Panel on the Wall.

Installation into Wet Wall



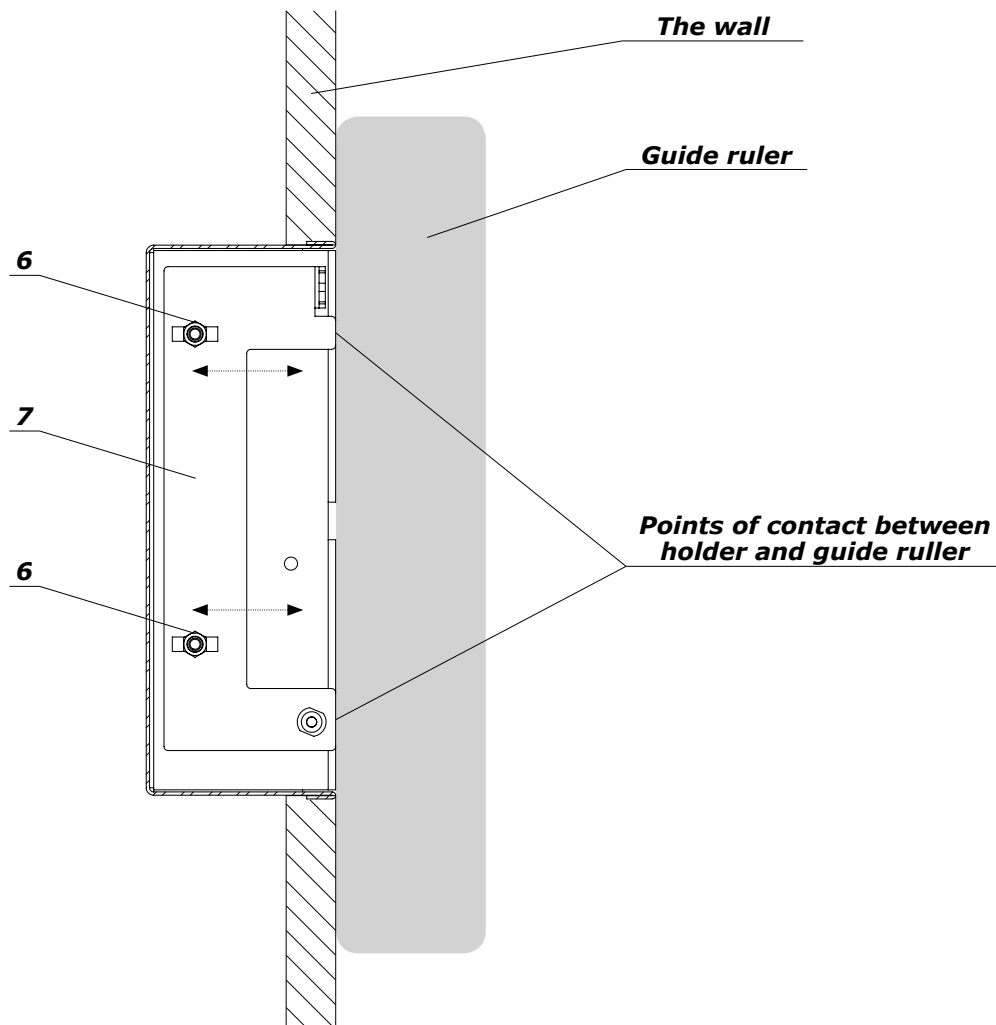
Steps are as follows

1. Chisel out the mounting hole **1** in the wall.
2. Break suitable knockout **3** for comfortable stretch of cable.
3. Insert the back box **2** into the hole **1** and take the cables through broken off knockout.
4. Fix the back box **2** with mortar or plaster.
5. Neaten the visible front part of the back box with stuke or another appropriate material.
6. Adjust the metal holder **7** as described in the chapter Adjusting the Panel on the Wall.

Adjusting the Panel on the Wall

If the touch panel does not adhere to the wall perfectly, you can adjust it in the following way.

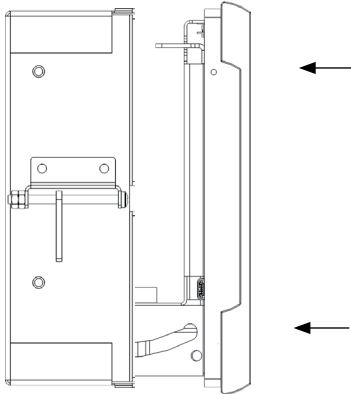
1. Take the panel out of the back box
2. Loosen the two nuts **6** on the metal holder **7** on the inside of the back box (the one with thorns and fixing tabs).
3. Adjust the holder in a way to make the touch panel adhere neatly to the wall. Use guide ruler as described below.
4. Tighten the two nuts **6**.
5. Repeat steps 2 to 4 on the other side of the back box.



Built-In Models

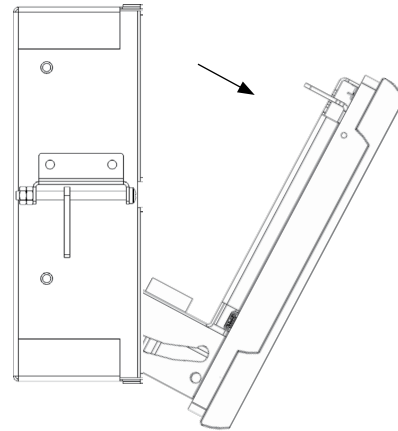
Placing the Touch Panel into the Back Box

Step 1



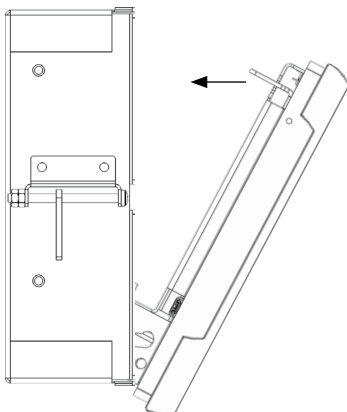
Hold touch panel in the upright position and push it into the back box so that the thorns in the back box slide into the grooves in the metal slat of the touch panel.

Step 2



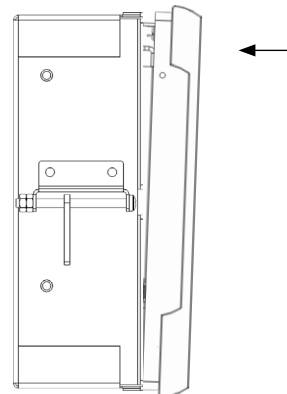
This enables you to tilt the panel, which holds in this position, and mount cables.

Step 3



If you want to place the panel in the back box, hold it upright and push its bottom part strongly as deep into the back box as possible.

Step 4



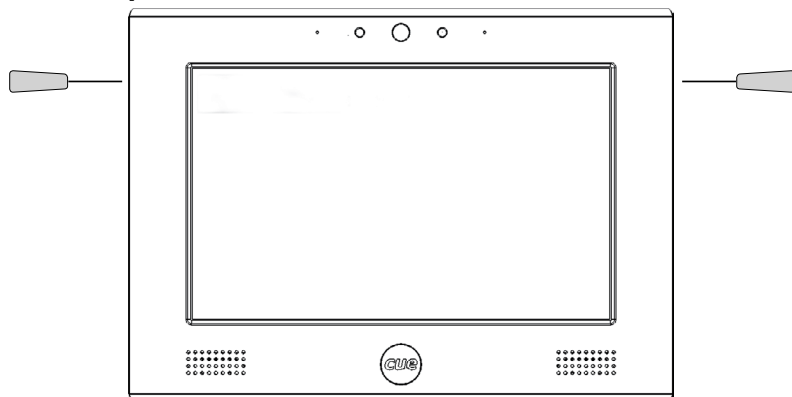
Then push the upper part of the panel until the two metal catches slide into the fixing tabs.

Note:

If the touch panel does not adhere to the wall perfectly, you can adjust it as described in the capture **Adjusting the Panel on the Wall**.

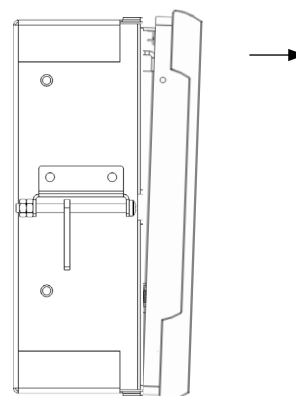
Taking the Touch Panel Out

Step 1



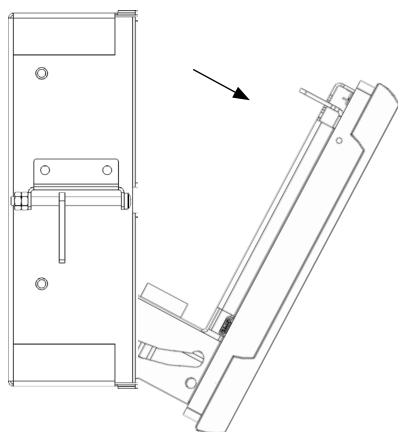
Insert a thin screwdriver into each of the two little holes on the sides of the touch panel and push until the metal catches get loose.

Step 2



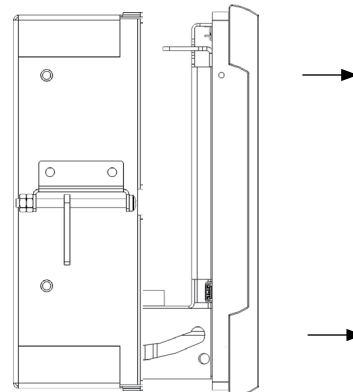
Then you can tilt the upper part of the touch panel.

Step 3



Hold the panel upright and pull its bottom part out. In this position you can tilt the panel to mount cables.

Step 4



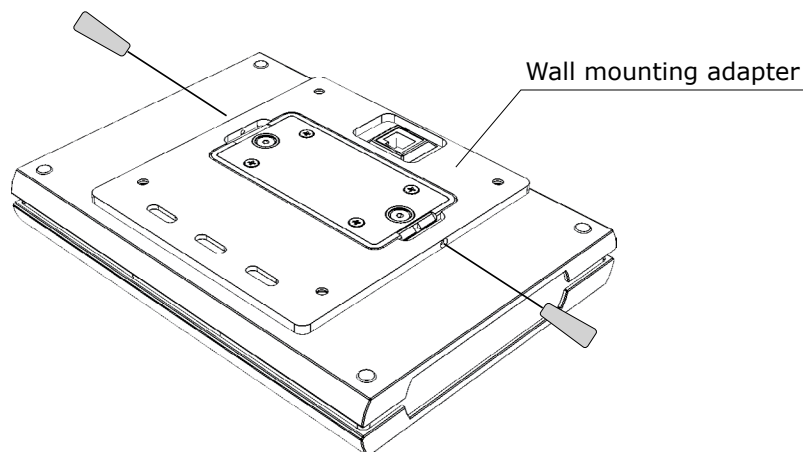
If you need to remove the panel out completely, hold it upright, push downwards and pull it out.

On-Wall Models

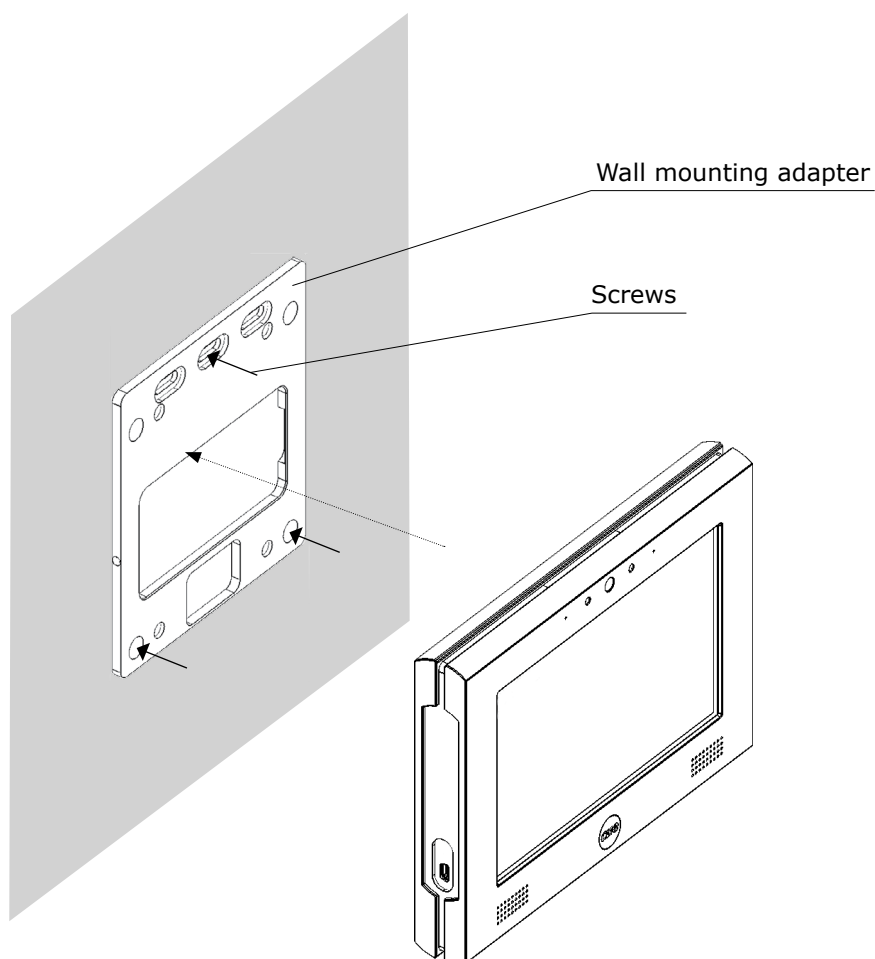
Installation On the Wall

Installation steps are as follows

1. Remove touch panel from their packaging materials and place it face-down on a soft, non-marring surface.
2. Insert a thin screwdriver into each of the two little holes on the sides of wall mounting adapter and push until the metal catches get loose. Remove wall mounting adapter.



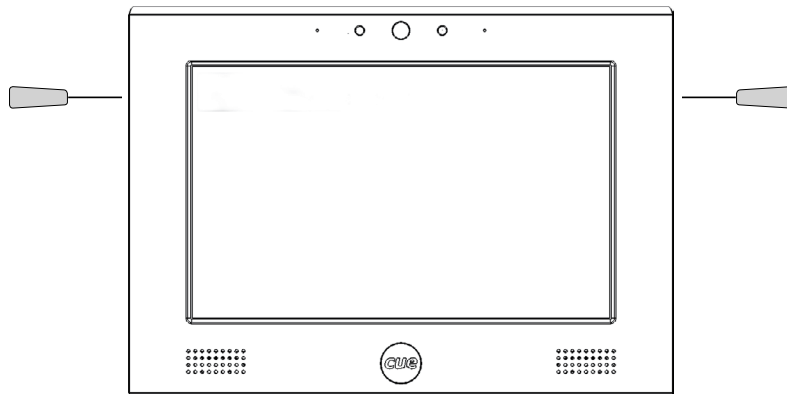
3. Install wall mounting adapter on the wall.
4. Put the touch panel on the wall mounting adapter and push it until the two metal catches slide into the fixing tabs.



Taking the Touch Panel Out

Steps are as follows

1. Insert a thin screwdriver into each of the two little holes on the sides of the wall mounting adapter and push until the metal catches get loose.



2. Take out the panel by pulling together.

CLEANING THE TOUCH PANEL

You should clean the touch panel screen overlay after each day's use.

Materials required are

1. Two clean, soft texture cloths (cotton).
2. Spray bottle of cleaning solution without alcohol (window cleaner).
3. Aluminium parts should be cleaned using a special cleaning solution.

Steps are

1. Turn the touch panel off.
2. Spray a small amount of the cleaning solution onto one of the cloths.
3. Clean the touch panel overlay with the damp cloth.
4. Wipe the touch panel overlay with the dry cloth.

CONNECTION

PC Connection

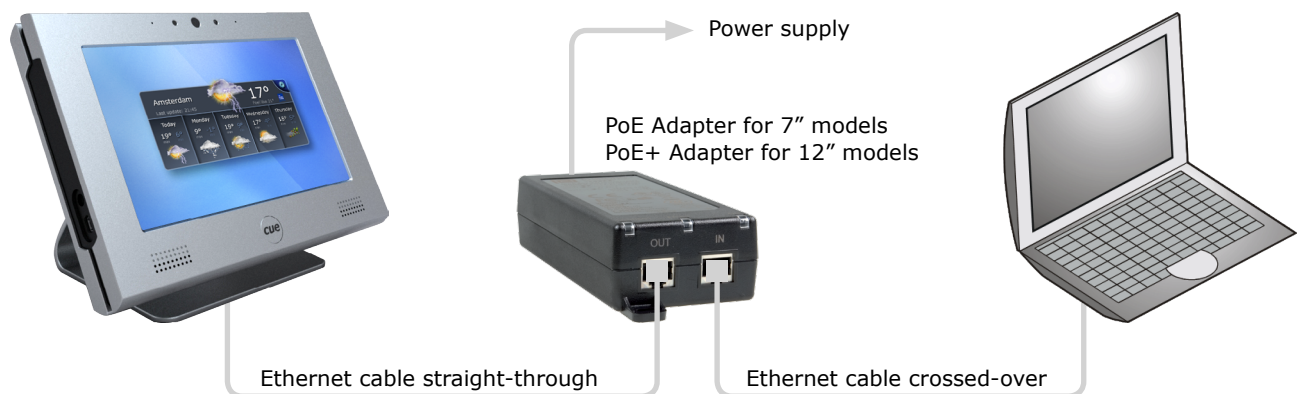
All touch panel models are equipped with PoE power supply (7" models) or PoE+ power supply (12" models). That means one Cat cable is used for power supply and for data.

Make sure you use

- PoE Adapter for 7" models
- PoE+ Adapter for 12" models.

Connection steps are as follows

1. Attach one end of a RJ-45 Ethernet straight-through cable to the CUEnet (LAN) port on touch panel and attach the other end of this cable to OUT port of PoE (PoE+) Adapter.
2. Attach one end of a RJ-45 Ethernet straight-through cable to the IN port of PoE (PoE+) Adapter and attach the other end of this cable to LAN port of your computer.
3. Attach power supply to the PoE (PoE+) adapter.



10/100 BaseT LAN incl. PoE Connector

The 10/100 BaseT LAN is a standard network connection 10/100 BaseT LAN using RJ-45 connector. There is no auto sense, which means it does not recognize straight through cable to cross-over cable. For the direct PC connection it is necessary to use cross-over cable; for the connection to Ethernet switch straight through cable. The length of the Ethernet cable connecting touch panel to the network must not exceed 100 meters.

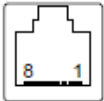
Power over Ethernet is fully compatible with

- IEEE 802.3af (PoE) standard for 7" touch panels
- IEEE 802.3at (PoE Plus) standard for 12" touch panels.

Power over Ethernet integrates data and power on the same wires. It keeps the structured cabling safe and does not interfere with concurrent network operation.

Power over Ethernet needs compatible Ethernet switches or injectors currently available by most leading network equipment vendors.

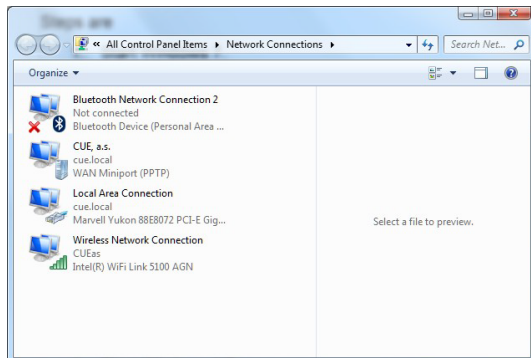
Connector pin out

RJ-45	Pin	Signal	Cat5 Cable Color
	1	TX_D1+ and PoE	White / Orange
	2	TX_D1- and PoE	Orange
	3	RX_D2+ and PoE	White / Green
	4	PoE +/- 48 V	Blue
	5		White / Blue
	6	RX-D2- and PoE	Green
	7	PoE Common	White / Brown
	8		Brown

WINDOWS LOCAL NETWORK SETTINGS

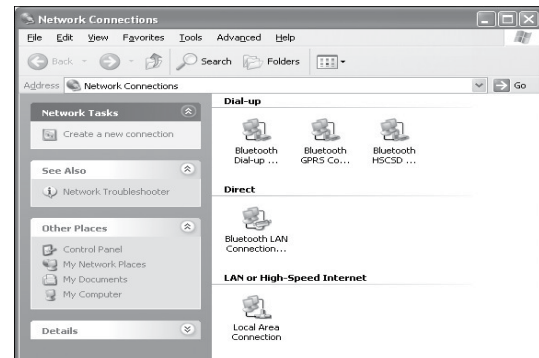
For Windows 7 steps are

1. Start Windows 7.
2. Click Start.
3. Enter **ncpa.cpl** to the Search Box and press Enter. Following window is displayed.



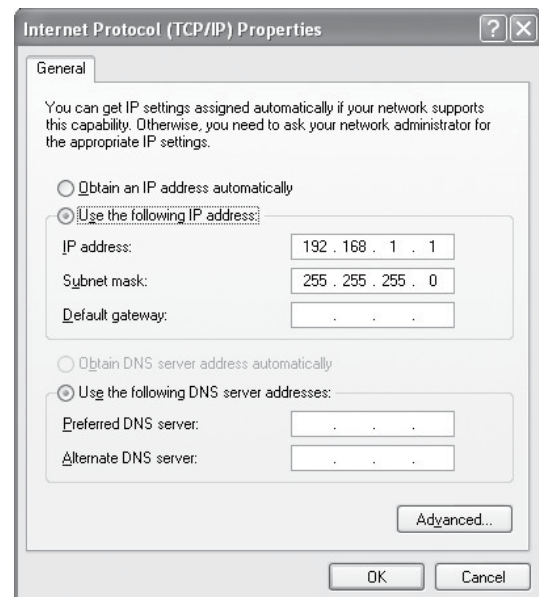
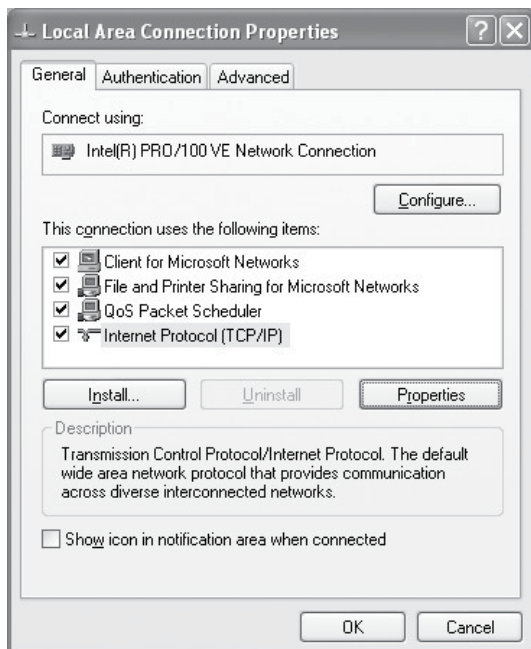
For Windows XP steps are

1. Start Windows XP.
2. Click Start, then click Control Panel choose the option to switch to Classic View.
3. Double-click Network Connections.



Following steps are

1. Right-click on network adapter used for connection with touch panel and then right-click and select Properties.
2. Select Internet Protocol (TCP/IP) and click Properties button.
3. Select Use the following IP address option. Set IP address to 192.168.1.1 (or other address different from 192.168.1.127 and from 192.168.1.128) and Subnet mask to 255.255.255.0. Leave other options unchanged and click OK.



DOWNLOAD USER APPLICATION

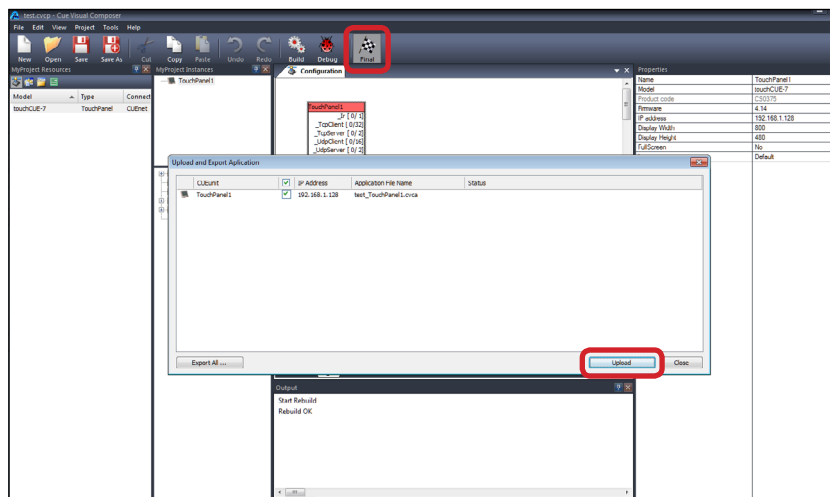
Overview

User control application is dedicated to control and it is programmed by Cue Visual Composer programming tools.

Using Cue Visual Composer

Steps are

1. Connect touch panel to your computer as described in chapter PC Connection.
2. Run Cue Visual Composer on your PC.
3. Open appropriate project in Cue Visual Composer. It's necessary to have appropriated touch panel properly inserted and configured.
4. Use tool bar button **Final** to open Upload and Export Application dialog box.

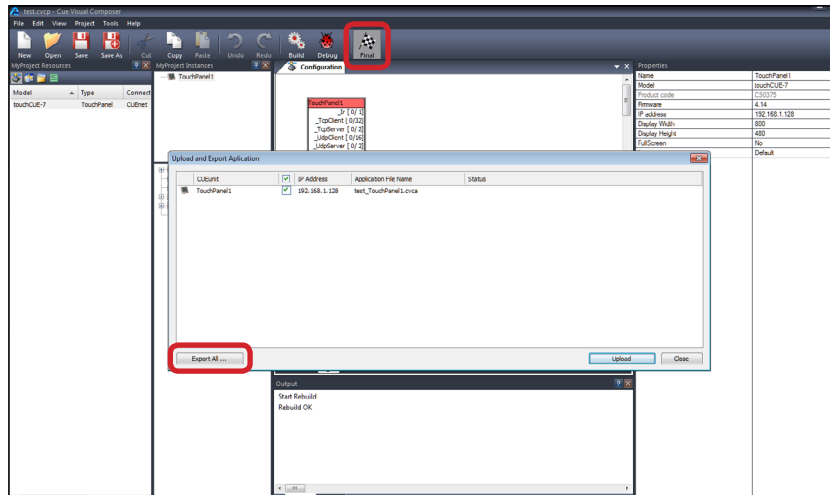


5. Be sure your touch panel is checked.
6. Use button **Upload** to start application upload.
7. If touch panel firmware isn't actual it will be uploaded automatically first and then application upload will be finished.

Using Admin Web

Steps are

1. Connect touch panel to your computer as described in chapter PC Connection.
2. Run Cue Visual Composer on your PC.
3. Open appropriate project in Cue Visual Composer. It's necessary to have appropriated touch panel properly inserted and configured.
4. Use tool bar button **Final** to open Upload and Export Application dialog box.



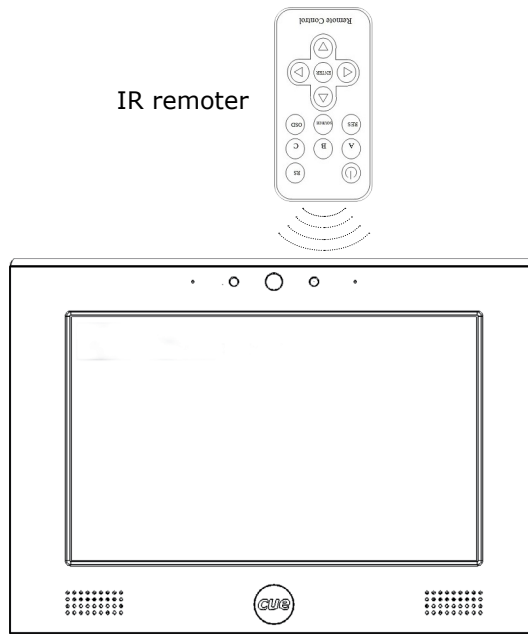
5. Be sure your touch panel is checked.
6. Use button **Export All...** to export application and store it in file *.cvca.
7. Run the Internet browser on your PC and type in the same touch panel IP address as you see in Cue Visual Composer project, window Properties / IP address.
8. Go to page **System** and check current firmware version. In case there is no actual firmware version in touch panel, upload firmware version that corresponds to firmware version in the Cue Visual Composer project..
9. Go to page **Applications** and upload application file *.cvca.
10. Start uploaded application using button **Start**.

IR CAPTURE

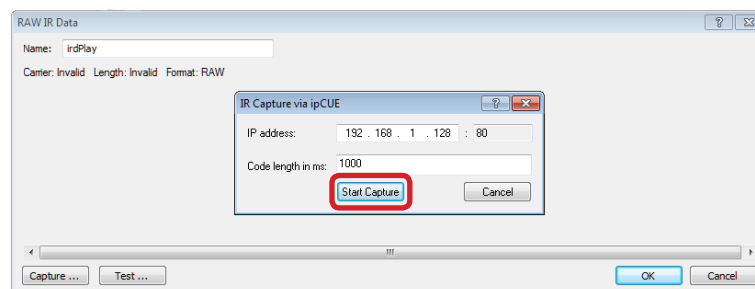
All models of cuenium² touch panels have possibility to capture IR codes. This is the same functionality as some ipCUE controllers have. Captured IR codes can be used in all types of controllers too.

Steps are as follows

1. Connect the touch panel to your PC as described in the chapter PC Connection.
2. Arrange IR remoter and touch panel as described below.



3. Start Cue Visual Composer and capture IR codes by standard way.
4. Push **Start Capture** button in Cue Visual Composer and then press appropriate button on IR remoter.



5. Instructions and messages are displayed on the touch panel and in the Cue Visual Composer.
6. If message "Signal is too weak" is displayed, change position of IR remoter and try again.

FACTORY DEFAULT AND SYSTEM DEFAULT

Every device shipped from the factory is set according to table bellow, Factory Default column.

When pressed System Default button, the system default function is performed according to table bellow, System Default column. The main purpose of this functionality is to regain connection to touch panel with lost password or unknown IP settings.

Configuration	Identification	Name	Factory Default	System Default
	IP settings	Host name	Empty	Not changed
		IP address	192.168.1.128	192.168.1.128
		Subnet mask	255.255.255.0	255.255.255.0
		Default gateway	192.168.1.1	192.168.1.1
		DNS	Primary DNS server	Empty
	Secondary DNS server	Empty	Not changed	
Date and time	Date and Time	Day, month, year	Real	Not changed
		Hour, minute, second	Real	Not changed
		Time zone	(GMT+1:00 CET/CEST Belgrade, ..., Prague)	Not changed
	Internet clock	Use Internet clock	Not	Not changed
		Primary NTP server	Empty	Not changed
		Secondary NTP server	Empty	Not changed
	Applications		Empty	Not changed
	File storage		Empty	Not changed
	System	Firmware	Current version	Not changed
Password		Empty	Empty	

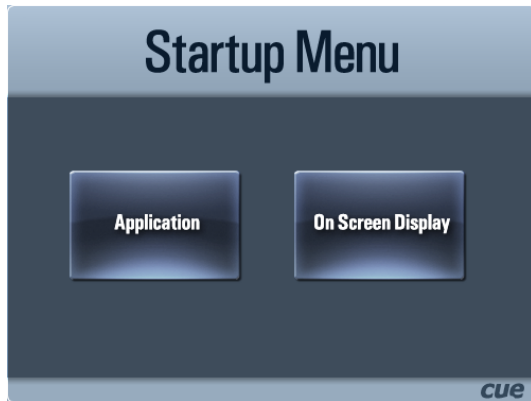
ON SCREEN DISPLAY

Access On Screen Display

The multifunctional button located on front panel shows On Screen Display.

Startup Menu is displayed automatically if no application is running.

Startup Menu

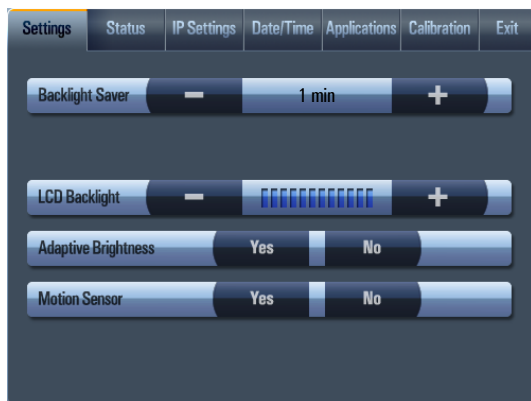


The Startup Menu is activated if no application is running.

Application button starts downloaded application.

On Screen Display button launches menu described below.

Settings



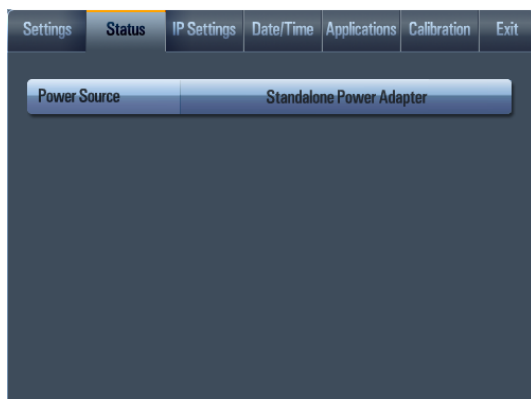
The Backlight Saver will switch off automatically display backlight. Time in minutes can be set by buttons - and +. Time set to 0 means that Backlight Saver is disabled.

LCD Backlight sets display backlight level.

If Adaptive Brightness is switched to Yes, the light sensor automatically adjusts display backlight according ambient light level.

If Motion Sensor is switched to Yes the Motion Sensor resumes touch panel from Backlight Saver mode automatically.

Status



This page shows current status of the touch panel.

IP Settings

This page is used for setting the communication parameters for your touch panel. The touch panel uses standard internet protocol (IP) communication parameters. Certain parameters can be reset by the user. On start up, this page will display current IP address. Carefully note this addressing information (and any changes you elect to make to the IP address, subnet mask, or default gateway). This information must be entered into the Cue Visual Composer program written for your specific application. For control systems with more than one unit, a unique IP address must be given to each CUEunit.

For setting please select appropriate field using Edit button and then use numeric keypad.

Be sure to click the Apply button for any changes to become effective.

Date/Time

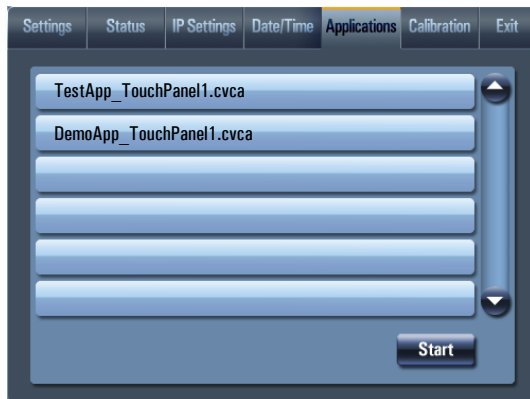
This page is used for setting Date/Time parameters.

The current date and time can be set. For setting please select appropriate field using Edit button and then use numeric keypad.

The time zone box can be selected to enter from the list activated by button Edit.

Rest of the page is used for synchronization of the CUEunit's date and time with an internet clock. Select Yes for Use Internet clock. Next, enter the IP addresses (or complete address name) of the primary and secondary NTP servers.

Applications



This screen is used for selection, start and stop of uploaded applications. All uploaded applications are listed on this page.

Select application and press button Start. A "running flag" denotes the active application. Active application starts automatically after switch on the unit. The running application can be stopped via the Stop button.

Files are uploaded from a personal computer to the touch panel using Cue Visual Composer software or using Admin Web.

Calibration



Use this page for calibration. We recommend use stylus.

Exit



Closes the On Screen Display.

On this page the product name, product code and current firmware version are displayed.

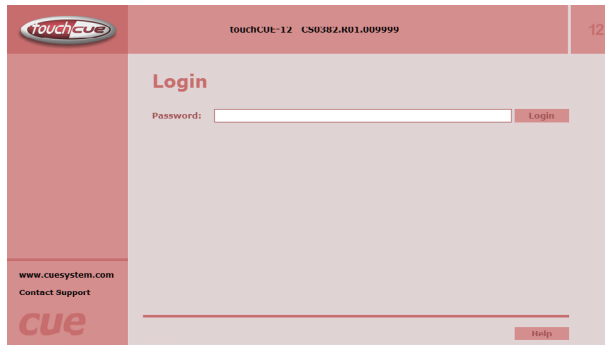
ADMIN WEB

Access Admin Web

Run the Internet browser on your PC and type in the touch panel IP address.

Factory default IP address is 192.168.1.128. The default password is empty.

Login



This screen isn't displayed if password is empty (factory default status).

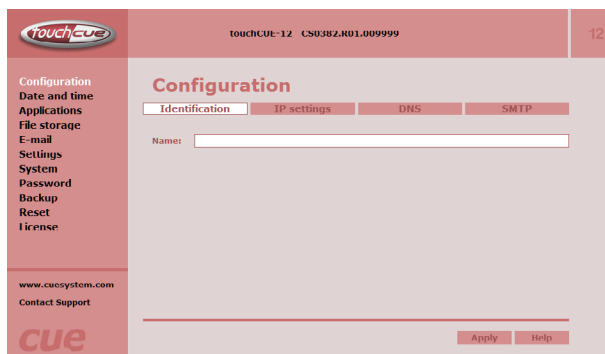
If password isn't empty, you have to login at first for operating with your CUEunit via these web pages.

Enter your password into the Password box and click the Login button to enter the CUEunit web pages.

Remember that the password is case sensitive. For changing your password use the Password menu after you are logged in.

Configuration

Identification



Each CUEunit can be identified by a unique identification name. Unique names are most useful in applications requiring more than one CUEunit. This enables programmers and installers to reference CUEunits with logical, user friendly names, like "boardroom," "lobby," etc.

To set the CUEunit identity, enter the unique name you wish to use in the Name box.

Be sure to click the Apply button for any changes to become effective!

IP Settings

The screenshot shows the 'Configuration' page for a TouchCue device. The left sidebar contains a menu with options: Configuration, Date and time, Applications, File storage, E-mail, Settings, System, Password, Backup, Reset, and License. The main content area is titled 'Configuration' and has four tabs: Identification, IP settings (selected), DNS, and SMTP. Under the 'IP settings' tab, the following information is displayed: Physical address (MAC): 00:04:A3:03:F9:0E, Current IP address: 192.168.1.182, Current subnet mask: 255.255.255.0, and Current default gateway: 192.168.1.1. Below this, there are input fields for Host name (touchcue), IP address (192.168.1.182), Subnet mask (255.255.255.0), and Default gateway (192.168.1.1). At the bottom right, there are 'Apply' and 'Help' buttons.

This page is used for establishing the communication parameters for your CUEunit.

The CUEunit uses standard internet protocol (IP) communication parameters. Certain parameters can be reset by the user. On start up, this page will display the CUEunit's given Physical address (MAC), Current IP address. Carefully note this addressing information (and any changes you elect to make to the IP address, subnet mask, or default gateway). This information must be entered into the Cue Visual Composer program written for your specific application. For control systems with more than one CUEunits, a unique IP address must be given to each CUEunit.

Some control systems are "stand alone" and not part of a larger network. For such "stand alone" systems, the Host name is optional. However, for control systems that are connected to a larger network, please obtain the Host name from the network administrator, and enter it into the corresponding box. DHCP is not supported in this release.

Be sure to click the Apply button for any changes to become effective!

DNS

The screenshot shows the 'Configuration' page for a TouchCue device, specifically the 'DNS' tab. The left sidebar is the same as in the IP Settings page. The main content area is titled 'Configuration' and has four tabs: Identification, IP settings, DNS (selected), and SMTP. Under the 'DNS' tab, the following information is displayed: Current primary DNS server: 192.168.1.1 and Current secondary DNS server: 192.168.1.1. Below this, there are input fields for Primary DNS server (192.168.1.1) and Secondary DNS server. At the bottom right, there are 'Apply' and 'Help' buttons.

This page is used for setting parameters of your CUEunit's DNS server.

On start up, this page will display the CUEunit's given Current primary DNS server, Current secondary DNS server. You can reset the primary DNS server and secondary DNS server manually by entering your changes into the appropriate boxes.

DHCP is not supported in this release.

Be sure to click the Apply button for any changes to become effective!

SMTP

The screenshot shows the 'Configuration' page for a TouchCue device, specifically the 'SMTP' tab. The left sidebar is the same as in the previous pages. The main content area is titled 'Configuration' and has four tabs: Identification, IP settings, DNS, and SMTP (selected). Under the 'SMTP' tab, the following information is displayed: Outgoing mail server (SMTP) Name: (empty), Port: (empty), Authentication Type: (None), Username: (empty), and Password: (empty). At the bottom right, there are 'Apply' and 'Help' buttons.

This page is used for setting parameters of SMTP server. Set a name or an address and the port of your SMTP server.

The SMTP server and port are used by the XPL2 commands EmailSend and PresetEmailSend.

Be sure to click the Apply button for any changes to become effective!

Date and Time

Current date and time

touchCUE-12 CS0382.R01.009999 12

Date and time

Current date and time Time zone Internet clock

Current time: 30.03.2011 09:48:42 CEST

Day, month, year: 30 03 2011

Hour, minute, second: 09 48 42

www.cuesystem.com
Contact Support

cue

Apply Help

This page is used for setting the time clock on your CUEunit. The current date, time, and time zone are shown on the Current time line.

The applicable boxes can be selected to enter changes to the

- date: day/month/year,
- time: hour/minute/second.

Be sure to click the Apply button for any changes to become effective!

Time zone

touchCUE-12 CS0382.R01.009999 12

Date and time

Current date and time Time zone Internet clock

Current time: 30.03.2011 09:48:25 CEST

Time zone: (GMT+01:00 CET/CEST) Belgrade, Bratislava, Budapest, Ljubljana, Prague

Note: Daylight saving time is applied automatically (if daylight saving time is observed).

www.cuesystem.com
Contact Support

cue

Apply Help

This page is used for setting the time zone on your CUEunit. The current date, time, and time zone, are shown on the Current time line. The time zone box can be selected to enter changes to the Time zone.

Be sure to click the Apply button for any changes to become effective!

Internet clock

touchCUE-12 CS0382.R01.009999 12

Date and time

Current date and time Time zone Internet clock

☒ Use Internet clock

Primary NTP server: time.nist.gov

Secondary NTP server:

Note: The Public NTP Time Server Lists are here.

www.cuesystem.com
Contact Support

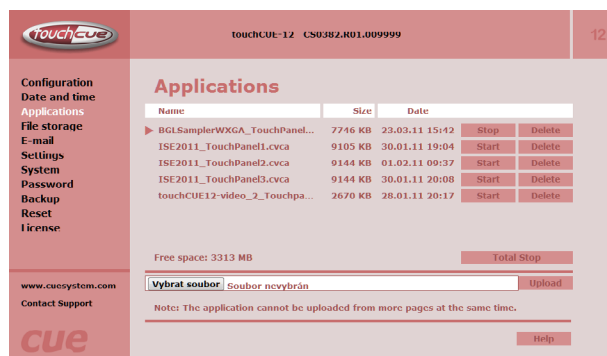
cue

Apply Help

This page is used for synchronization of the CUEunit's date and time with an internet clock. Begin by selecting the check box for Use Internet clock. Next, enter the IP addresses (or complete address name) of the primary and secondary NTP servers. Use the Primary NTP server and Secondary NTP server boxes for this purpose.

Be sure to click the Apply button for any changes to the internet clock to become effective!

Applications



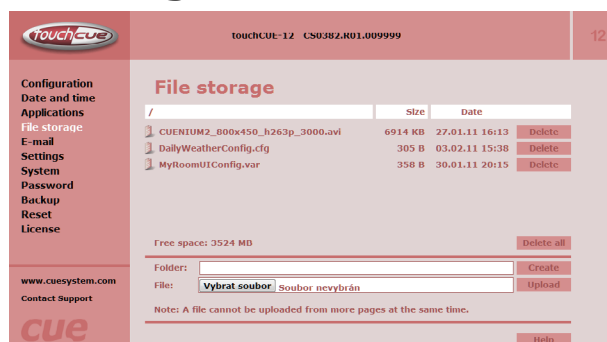
This page is used for uploading compiled Cue Visual Composer programs to your CUEunit.

All uploaded applications are listed on this page, along with their file properties: file name/ file size/date. The CUEunit has a generous memory; unused free space is shown at the bottom of this page. CUEunit also permits other service functions like deleting files, downloading programs back to a personal computer, and starting/stopping specific applications.

A “running flag” denotes the active application. The running application can be stopped via the Start/Stop button. Likewise, a stopped application can be restarted with the Start/Stop button.

Files are uploaded from a personal computer to the CUEunit by selecting the desired application program, and clicking the Upload button. Files are downloaded from the CUEunit to a personal computer by clicking the File name. Files are easily deleted with the Delete button. The button Total stop stops a running application. This application will not be automatically started after reset.

File Storage



The CUEunit’s generous memory can be used as an auxiliary file storage device. This is helpful for storing presets, in archiving electronic manuals, pdf files, and other support documentation. File storage is managed via the file storage page.

A list of existing files, folders, and their properties is shown. To delete a file or a folder, click the Delete button on the corresponding line. To delete all files and folders from the current folder, click the Delete All button.

To create a new folder, enter a name for the new folder, and click the Create button. To upload a file, select the desired file, and click the Upload button.

Note: Files are automatically compressed for the CUEunit’s internal file system. Accordingly, the size of your uncompressed file before storing may not match the decrease of free space shown on the CUEunit.

E-mail

touchCUE-12 CS0382.R01.009999 12

E-mail

Sender
Name:
E-mail:

Recipient #1
Name:
E-mail:

Recipient #2
Name:
E-mail:

Recipient #3
Name:
E-mail:

Recipient #4
Name:
E-mail:

Apply Help

This page is used for setting parameters of e-mail parameters and recipients addresses.

The SMTP server must be set. See the Configuration/SMTP setting.

The sender Name and E-mail are addresses of your CUEunit. The sender Name and E-mail are used by the XPL2 commands EmailSend and PresetEmailSend.

The recipient Names and E-mails are addresses of recipients, where e-mails will be sent using the XPL2 command PresetEmailSend.

Settings

Settings

touchCUE-12 CS0382.R01.009999 12

Settings

Settings On Screen Display Calibration

Backlight Saver (minutes):

LCD Backlight (0-100):

Adaptive Brightness:

Motion Sensor:

Apply Help

On this page some display features can be set.

The Backlight Saver will switch off automatically display backlight. Time in minutes can be set. Time set to 0 means that Backlight Saver is disabled.

LCD Backlight sets display backlight level.

If Adaptive Brightness is switched to Yes, the light sensor automatically adjusts display backlight according ambient light level.

If Motion Sensor is switched to Yes the Motion Sensor resumes touch panel from Backlight Saver mode automatically.

On Screen Display

touchCUE-12 CS0382.R01.009999 12

Settings

Settings On Screen Display Calibration

Activation:

Mode:

In Basic Mode is

Backlight Saver:

LCD Backlight:

Adaptive Brightness:

Motion Sensor:

Apply Help

This page serves for setting of On Screen Display functionality.

Type of activation is defined here as well as mode of the On Screen Display. In Advanced mode all functions are available, Basic mode is more safety (for example network settings can't be changed).

In addition some settings done by On Screen Display can be enabled or disabled.

Calibration

touchCUE-12 CS0382.R01.009999 12

Settings

Settings On Screen Display Calibration

To start the touchCUE-12 panel calibration, click the Calibrate button.

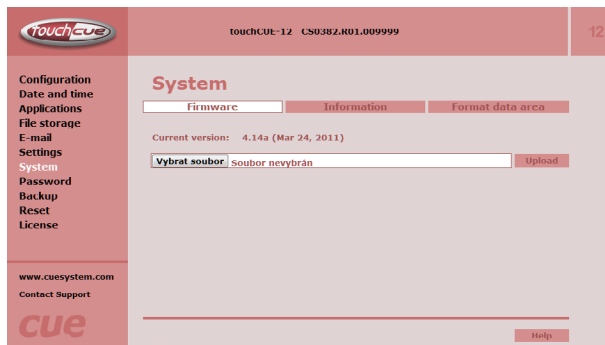
Help

Use this page to start calibration and follow instructions on the touch panel.

For proper calibration use a stylus.

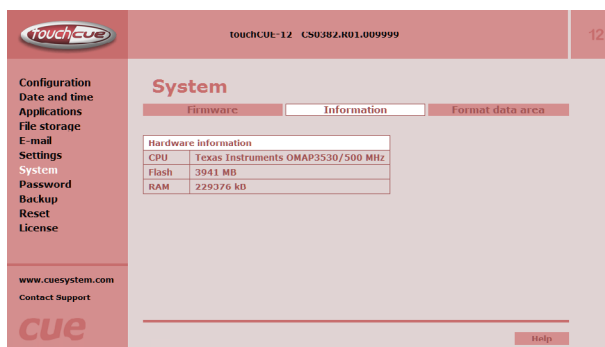
System

Firmware



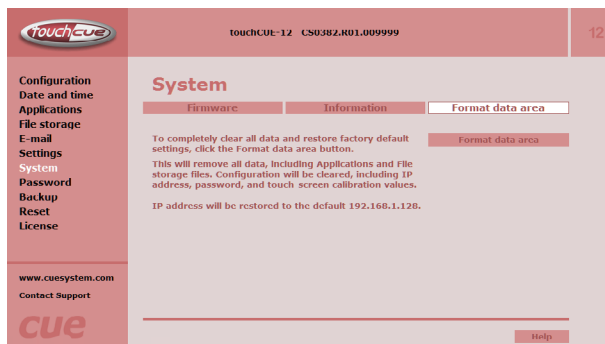
This page is used for updating the CUEunit firmware. The Current version of firmware is shown. To upload new firmware, select the desired version, and click the Upload button.

Information



The page shows basic information about your CUEunit's hardware. The CPU type, CPU frequency, and the flash and RAM memory sizes are shown.

Format data area



To completely clear all data and restore factory default settings, click the Format data area button.

This will remove all data, including Applications and File storage files. Configuration will be cleared, including IP address, password, and touch-screen calibration values. IP address will be restored to the default 192.168.1.128.

Password

A case sensitive password is necessary to login to the admin web pages. Set a new password via the New password box. You must reenter the password in the Confirm new password box. An error message will appear if the confirmation does not match, in which case you should reenter your password again in both boxes.

Finally, the new password is implemented by clicking the Apply button.

Backup

Backup

The page is used for the backup applications, files and folders. The Backup copies all Applications, Application data, File storage and Web storage to the one archive. This archive is saved to the PC. To start the backup process, click the Backup button.

Note: To see the backed-up/restored applications, click the Applications menu. To see backed-up/restored files and folders, click the File Storage menu. The page is used for the backup of all applications, files and folders.

Note: To see the backed-up/restored applications, click the Applications menu. To see backed-up/restored files and folders, click the File Storage menu.

Restore

READ ALL IMPORTANT NOTES THAT FOLLOW BEFORE USING THIS OPERATION!

The page is used for the restoring of all applications, files and folders. Restore copies of all applications, files, and folders from a backup archive on the PC to their corresponding locations on the CUEunit.

To start the restore process, select the desired backup archive, then click the Restore button. The restore process can take up to 10 minutes, depending on the size of the files being restored.

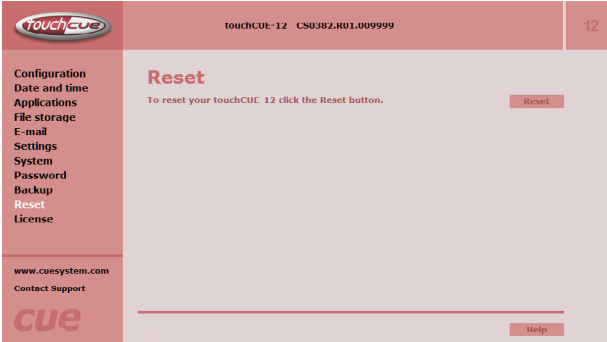
If you want CUEunit's settings will be restored too, check the "Restore configuration" box. The CUEunit's settings are accessible via the Configuration, Date and time and Password menus.

Important note: actual password and IP settings will be restored too. The restore process takes from 1 to 10 minutes. It depends on the sizes of the restored files.

Important note: When restoring files, the running application will be stopped and all applications, files, and folders currently stored in the CUEunit will be deleted! If you want to retain them, use the Backup command before the Restore command.

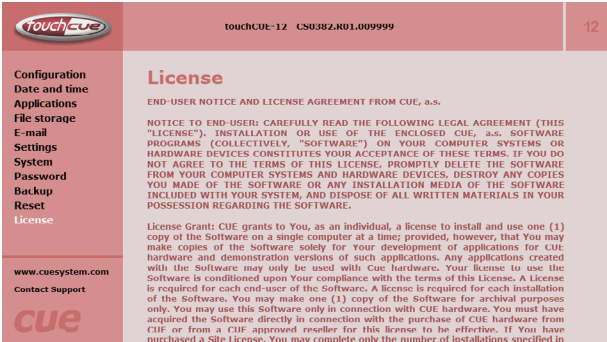
Note: To see the backed-up/restored applications, click the Applications menu. To see backed-up/restored files and folders, click the File Storage menu.

Reset



To restart your CUEunit, click the Reset button.

License



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NOTES

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